ABSTRACT

A highly secure "Design Zones" system is described that promotes collaboration between a manufacturer and owner of compute systems and its partners such as sub-contractors, customers and suppliers offers flexibility in the compute and design process. A partner starts a VPN tunnel between his workstations to establish a secure encrypted tunnel end to end wherein each partner is identified with a different VPN group/password. A session is started by the partner in a Web page on a portal machine through a thin client technology that authenticates thru LDAP the user/password of the person. The session is routed to an engagement box depending on the person where the engagement boxes are on network segments such as Ethernet separated by firewall boxes with another logon/password and is validated thru second LDAP and wherein all users of the same partner are all launching on the same box; and accessing data and applications from that engagement box on Network File System (NFS) storage authenticated LDAP to get benefit of a big compute farm composed of many high end servers in a very secure way.